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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 60487F International application No. PCT/US 03/28491		FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)		
		International filing date (day/mor 10.09.2003	nth/year) Priority date (day/month/year) 10.09.2002		
Internationa H01B3/00		both national classification and IPC			
Applicant UNION C	ARBIDE CHEMICALS &	PLASTICS TECHNOLOGY (CORP		
1. This i	nternational preliminary ex rity and is transmitted to th	amination report has been prepa ne applicant according to Article 3	red by this International Preliminary Examining 6.		
2. This REPORT consists of a total of 4 sheets, including this cover sheet.					
	been amended and are me	anied by ANNEXES, i.e. sheets on a same of this report and/or sheet on 607 of the Administrative Instru	of the description, claims and/or drawings which have ts containing rectifications made before this Authority actions under the PCT).		
These	annexes consist of a total	of sheets.			
3. This re	eport contains indications r	elating to the following items:			
	Basis of the opinion	•			
11 (☐ Priority	-			
III (•	opinion with regard to povetty in	ventive step and industrial applicability		
IV [Lack of unity of inven		TOO DO		
V	Aeasoned statement		to novelty, inventive step or industrial applicability;		
VI [Certain documents ci	ted	2 5. 10 2004		
VII [Certain defects in the	international application	-		
VIII [Certain observations	on the international application	(117)		
Date of submission of the demand			completion of this report		
2.04.2004			2004		
Name and ma	iling address of the internation	pal Authoriza	ed Officer		
oreliminary ex	amīning authority: European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 5236 Fax: +49 89 2399 - 4465	56 epmu d Marsitz	gericon triango, f		

Form PCT/IPEA/409 (Cover Sheet) (January 2004)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US 03/28491

I.	Basis of the report				
1.	the	With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):			
	De	scription, Pages			
	1-2	0	as originally filed		
	Cla	ims, Numbers			
	1-7		as originally filed		
2.	Wit lang	ith regard to the language , all the elements marked above were available or furnished to this Authority in the nguage in which the international application was filed, unless otherwise indicated under this item.			
	The	ese elements were av	ailable or furnished to this Authority in the following language: , which is:		
		the language of a tra	anslation furnished for the purposes of the international search (under Rule 23.1(b)).		
		the language of pub	lication of the international application (under Rule 48.3(b)).		
		the language of a tra Rule 55.2 and/or 55.	anslation furnished for the purposes of international preliminary examination (under 3).		
3.	With inte	fith regard to any nucleotide and/or amino acid sequence disclosed in the international application, the ternational preliminary examination was carried out on the basis of the sequence listing:			
		contained in the inte	rnational application in written form.		
		filed together with th	e international application in computer readable form.		
	☐ furnished subsequently to this Authority in written form.		ntly to this Authority in written form.		
		☐ furnished subsequently to this Authority in computer readable form.			
		The statement that t in the international a	he subsequently furnished written sequence listing does not go beyond the disclosure pplication as filed has been furnished.		
		The statement that the listing has been furn	he information recorded in computer readable form is identical to the written sequence ished.		
4.	The	amendments have re	esulted in the cancellation of:		
		the description,	pages:		
		the claims,	Nos.:		
		the drawings,	sheets:		
5.		This report has been been considered to g	established as if (some of) the amendments had not been made, since they have go beyond the disclosure as filed (Rule 70.2(c)).		
		(Any replacement sh report.)	neet containing such amendments must be referred to under item 1 and annexed to this		
3.	Additional observations, if necessary:				

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- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes: Claims

No: Claims

1,8,9

Inventive step (IS)

Yes: Claims

No: Claims

1, 8,9 1-9

Industrial applicability (IA)

Yes: Claims Claims

2. Citations and explanations

see separate sheet





INTERNATIONAL PRELIMINARY **EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US 03/28491

Reference is made to the following documents:

D1: US 5798427 A D2: EP 0743327 A D3: US 5998558 A D4: EP 1038889 A

1. Article 33 (2) PCT:

- 1.1 D1 discloses (see the passages cited in the serach report) ethylene-based polymers and copolymers (propylene as comonmomer on a list) having a normalized RSI greater than 26 for use in cable and wire applications. Thus the subject matter of claims 1, 8 and 9 is not novel.
- 1.2 Similar arguments can be started from documents D2-D4.

2. Article 6 PCT:

The characterization of the polypropylene polymer or copoylmer used via the relaxation index spectrum (RSI) or the ratio of melt strength (Claim 8) leaves an undue burden to the public to determine which special polypropylene copolymers are used. This leads to a lack of clarity, since the applicant tries to define the polypropylene by a "result to be achieved"-like phrase. In this instance, however, such a formulation is not allowable because it appears possible to define the subject-matter in more concrete terms, viz. in terms of how the effect is to be achieved (e.g. by defining the coupled polypropylene according to the description).

Form PCT/Separate Sheet/409 (Sheet 1) (EPO-April 1997)